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Wang et al.

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(54) **WEARABLE INTERACTIVE USER INTERFACE**

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(71) Applicant: **Apple Inc.**, Cupertino, CA (US)
(72) Inventors: **Paul X. Wang**, Cupertino, CA (US); **Zheng Gao**, Sunnyvale, CA (US); **Reza Nasiri Mahalati**, Belmont, CA (US); **Ray L. Chang**, Saratoga, CA (US)

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Primary Examiner — Nathan Danielsen

(74) *Attorney, Agent, or Firm* — Kendall W. Abbasi

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See application file for complete search history.

(57) **ABSTRACT**

Embodiments are directed to a user input device and methods related to the use thereto. In one aspect, an embodiment includes a flexible fabric attachable to a user having a first portion and a second portion. The first portion may be moveable in relation to the second portion. The embodiment may further include a controller configured to identify an input configuration based on a position of the first portion relative to a position of the second portion within a three-dimensional space. The embodiment may further include a haptic feedback structure disposed adjacent the flexible fabric and configured to provide haptic feedback based on the input configuration.

30 Claims, 26 Drawing Sheets

